

ABSTRACT OF THE DISCLOSURE

A method of assisting a wiring design of a wiring structure includes the steps of: regarding the wiring structure constituted by a plurality of pieces of line streak members as an elastic body which has a circular section and in which a plurality of beam elements a linearity of which is maintained are coupled with each other; applying information concerning a shape characteristic, a material characteristic and a constraining condition of the wiring structure as a predetermined condition to a finite element method; calculating a predicted shape of the displaced wiring structure such that the predetermined condition is satisfied; further calculating a characteristic value with respect to vibration for the calculated predicted shape; and outputting the calculated predicted shape and the calculated characteristic value.